

# RESPONSE OF RABI ONION (*ALLIUM CEPA* L.) TO VARYING LEVELS OF NITROGEN UNDER SEMI-ARID CONDITIONS

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**Abstract:** An experiment was conducted to study the effect of different levels of nitrogen on yield attributes and yield of onion under semi arid conditions at Horticulture farm, S.K.N. College of Agriculture, Rajasthan Agricultural University, Jobner during *rabi* season. The experiment was comprised of three levels of nitrogen 50 kg ha<sup>-1</sup>, 100 kg ha<sup>-1</sup> and 150 kg ha<sup>-1</sup>. The experiment was laid out in randomized block design with three replications. Onion variety RO-1 was taken up in experiment. Results of study revealed that application of 100 kg N ha<sup>-1</sup> being at par with 150 kg N ha<sup>-1</sup> significantly increased in yield attributes and yield of onion.

**Keywords:** Onion, Nitrogen, Yield, Economic

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